Issue Classification	Application No.	Applicant(s)	
	10/678,731	VAIL ET AL.	
	Examiner	Art Unit	
	Frank S Tsay	3672	

ISSUE CLASSIFICATION

ORIGINAL		CROSS REFERENCE(S)	
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)
166	250.01	166	250.15 65.1 66.7
INTERNATIONAL CLASSIFICATION		340	853.3
E21B 44/06			
43/00			
/			
/			
/			

(Assistant Examiner) (Date)

(Legal Instruments Examiner) 4/21/05 (Date)

Frank S. Tsay
Primary Examiner
(Primary Examiner) (Date)

Total Claims Allowed: 47

O.G. Print Claim(s)	O.G. Print Fig.
1	1

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
	~~1~~	29	31	10	61		91		121		151		181
	~~2~~	30	32	22	62		92		122		152		182
	~~3~~	31	33		63		93		123		153		183
	~~4~~	32	34		64		94		124		154		184
	~~5~~		~~35~~		65		95		125		155		185
1	6		~~36~~		66		96		126		156		186
2	7	33	37		67		97		127		157		187
3	8	34	38		68		98		128		158		188
4	9		~~39~~		69		99		129		159		189
5	10		~~40~~		70		100		130		160		190
6	11		~~41~~		71		101		131		161		191
	~~12~~	35	42		72		102		132		162		192
	~~13~~	36	43		73		103		133		163		193
11	14		~~44~~		74		104		134		164		194
12	15		~~45~~		75		105		135		165		195
13	16	37	46		76		106		136		166		196
14	17	38	47		77		107		137		167		197
15	18		~~48~~		78		108		138		168		198
16	19	39	49		79		109		139		169		199
17	20	40	50		80		110		140		170		200
18	21	41	51		81		111		141		171		201
19	22	42	52		82		112		142		172		202
20	23	43	53		83		113		143		173		203
21	24	44	54		84		114		144		174		204
23	25	45	55		85		115		145		175		205
24	26	46	56		86		116		146		176		206
25	27	47	57		87		117		147		177		207
26	28	7	58		88		118		148		178		208
27	29	8	59		89		119		149		179		209
28	30	9	60		90		120		150		180		210